

Measurement - Conversions

Chapter 7: Measurement - Conversions · Topic 1

Key Concept

To convert centimetres to metres, we divide by 100, since there are 100 centimetres in 1 metre.

To convert metres to kilometres, we divide by 1000, since there are 1000 metres in 1 kilometre.

To convert grams to kilograms, we divide by 1000, since there are 1000 grams in 1 kilogram.

Practising unit conversions helps us solve real-life problems that use measurements in different units.

Quick Revision Notes

- 100 centimetres = 1 metre.
- 1000 metres = 1 kilometre.
- 1000 grams = 1 kilogram.
- We divide to convert smaller to larger units.
- We multiply to convert larger to smaller units.
- Conversions help compare different unit measurements.
- Practice builds conversion confidence.
- Real-life problems often need conversions.

Practice Questions

- 1 Convert 500 centimetres to metres.
- 2 Convert 5000 metres to kilometres.
- 3 Convert 3000 grams to kilograms.
- 4 Discuss when you'd need to convert units in daily life.
- 5 Solve two conversion problems.
- 6 Create a conversion chart for length units.